



ABSTRACT OF THE DISCLOSURE

mpl Ligand

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Isolated *mpl* ligand, isolated DNA encoding *mpl* ligand, and recombinant methods of preparing *mpl* ligand are disclosed. These *mpl* ligands are shown to influence the replication, differentiation or maturation of blood cells, especially megakaryocyte progenitor cells. Accordingly, these compounds are used for treatment

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of thrombocytopenia.